**Agenda**

**Forage, Data Collection and Soil Water Management Training**

**20 - 21 April, 2015**

**Babati District**

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| **Day One**  **20 April 2015** | | |
| **Time** | **Activity** | **Responsible** |
|  | Expectations and purpose of training | Fred Kizito |
|  | Soil and land management objectives |  |
|  | Practical demo on Metrological data collection and record keeping |  |
|  | Practical Demo on use and maintenance of Soil data collection instruments |  |
|  | Forages Research Objectives | Gregory Sikumba |
|  | Introduction to the study protocol |  |
|  | Measurements   1. Growth data 2. Agronomic Data | David |
|  | Methodology   1. Calculation of growth indicators 2. Leaf area index 3. Stem to leaf ratio 4. canopy cover 5. Above ground biomass (repeated assessment throughout the season), 6. Harvest index | Benjamin |
| **LUNCH** | | |
|  | Recording Data in data entry templates provided | David |
|  | Use of measuring instruments   1. Weighing scale 2. Transects 3. GPs reader 4. Tape measures | All Trainers |
|  | Sampling per plot for yield and growth data   1. Sampling intercrops 2. Sampling Mono crops | Gregory Sikumba |
|  | Sampling per plot for Nutritional Analysis   1. Making Composite samples per village 2. Sampling Mono crops 3. Sampling intercrops |  |
| **Day Two**  **21 April, 2015** | | |
|  | **Introduction to the Farmer profile data collection questionnaire** | David |
|  | **Introduction to the Cost Benefit analysis data collection questionnaire** | Gregory Sikumba |
|  | **Pretesting of questionnaire and Trial data collection tools in Seloto** | All Trainers |
| **LUNCH** | | |
|  | **Feedback from Pretesting** | David |
|  | **Introduction to Participatory variety assessment**   1. Selection of farmers (Numbers, gender, active farmers) | Gregory Sikumba and David |
|  | **Pairwise ranking technique**   1. Recording farmer responses | Gregory Sikumba and David |
|  | AOB and Close | David |
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